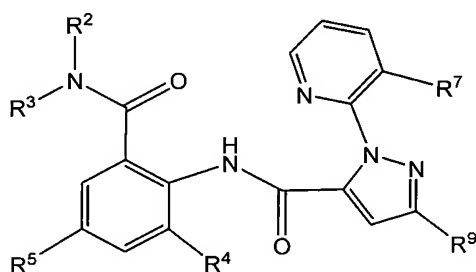


Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently amended) A composition comprising a synergistically effective amount of an anthranilamide of the formula (I-1) (H)



R² represents hydrogen or C₁-C₆-alkyl,

R³ represents C₁-C₆-alkyl which is optionally substituted by a radical R⁶,

R⁴ represents C₁-C₄-alkyl, C₁-C₂-haloalkyl, C₁-C₂-haloalkoxy or halogen,

R⁵ represents hydrogen, C₁-C₄-alkyl, C₁-C₂-haloalkyl, C₁-C₂-haloalkoxy or halogen,

R⁶ represents -C(=E²)R¹⁹, -LC(=E²)R¹⁹, -C(=E²)LR¹⁹ or -LC(=E²)LR¹⁹, where each E² independently of the others represents O, S, N-R¹⁵, N-OR¹⁵, N-N(R¹⁵)₂, and each L independently of the others represents O or NR¹⁸,

R⁷ represents C₁-C₄-haloalkyl or halogen,

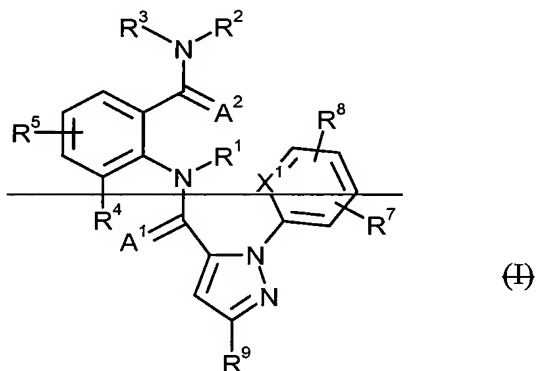
R⁹ represents C₁-C₂-haloalkyl, C₁-C₂-haloalkoxy, S(O)_pC₁-C₂-haloalkyl or halogen,

R¹⁵ in each case independently of one another represent hydrogen or represent in each case optionally substituted C₁-C₆-haloalkyl or C₁-C₆-alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl or C₁-C₄-haloalkylsulfonyl,

R¹⁸ in each case represents hydrogen or C₁-C₄-alkyl,

R¹⁹ in each case independently of one another represent hydrogen or C₁-C₆-alkyl,

p independently of one another represents 0, 1, 2.



in which

~~A¹ and A² independently of one another represent oxygen or sulfur,~~

~~X¹ represents N or CR¹⁰;~~

~~R¹ represents hydrogen or represents in each case optionally mono or polysubstituted C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl or C₃-C₆-cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R⁶, halogen, cyano, nitro, hydroxyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₂-C₄-alkoxycarbonyl, C₁-C₄-alkylamino, C₂-C₈-dialkylamino, C₃-C₆-cycloalkylamino, (C₁-C₄-alkyl)C₃-C₆-cycloalkylamino and R¹¹;~~

~~R² represents hydrogen, C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₃-C₆-cycloalkyl, C₁-C₄-alkoxy, C₁-C₄-alkylamino, C₂-C₈-dialkylamino, C₃-C₆-cycloalkylamino, C₂-C₆-alkoxycarbonyl or C₂-C₆-alkylcarbonyl;~~

~~R³ represents hydrogen, R¹¹ or represents in each case optionally mono or polysubstituted C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₃-C₆-cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R⁶, halogen, cyano, nitro, hydroxyl, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₂-C₆-alkoxycarbonyl, C₂-C₆-alkylcarbonyl, C₃-C₆-~~

~~trialkylsilyl, R^{11} , phenyl, phenoxy and a 5- or 6-membered heteroaromatic ring, where each phenyl, phenoxy and 5- or 6-membered heteroaromatic ring may optionally be substituted and where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R^{12} , or~~

~~R^2 and R^3 may be attached to one another and form the ring M,~~

~~R^4 represents hydrogen, C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_3 - C_6 -cycloalkyl, C_4 - C_6 -haloalkyl, C_2 - C_6 -haloalkenyl, C_2 - C_6 -haloalkynyl, C_3 - C_6 -halocycloalkyl, halogen, cyano, nitro, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulfinyl, C_1 - C_4 -haloalkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino, C_3 - C_6 -trialkylsilyl or represents in each case optionally mono- or polysubstituted phenyl, benzyl or phenoxy, where the substituents independently of one another may be selected from the group consisting of C_1 - C_4 -alkyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkynyl, C_3 - C_6 -cycloalkyl, C_1 - C_4 -haloalkyl, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkynyl, C_3 - C_6 -halocycloalkyl, halogen, cyano, nitro, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino, C_3 - C_6 -(alkyl)cycloalkylamino, C_2 - C_4 -alkylcarbonyl, C_2 - C_6 -alkoxycarbonyl, C_2 - C_6 -alkylaminocarbonyl, C_3 - C_8 -dialkylamino-carbonyl and C_3 - C_6 -trialkylsilyl,~~

~~R^5 and R^8 in each case independently of one another represent represents hydrogen, halogen or represent in each case optionally substituted C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl, R^{12} , G, J, OJ, OG, $S(O)_p$ -J, $S(O)_p$ -G, $S(O)_p$ -phenyl, where the substituents independently of one another may be selected from one to three radicals W or from the group consisting of R^{12} , C_1 - C_{10} -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_1 - C_4 -alkoxy and C_1 - C_4 -alkylthio, where each substituent may be substituted by one or more substituents independently of one another selected from the group consisting of G, J, R^6 , halogen, cyano, nitro, amino, hydroxyl, C_1 - C_4 -~~

~~alkoxy, —C₁-C₄-haloalkoxy, —C₁-C₄-alkylthio, —C₁-C₄-alkylsulfinyl, C₁-C₄-alkyl-sulfonyl, —C₁-C₄-haloalkylthio, —C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl, C₁-C₄-alkylamino, C₂-C₈-dialkylamino, C₃-C₆-trialkylsilyl, phenyl and phenoxy, where each phenyl or phenoxy ring may optionally be substituted and where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R¹²;~~

~~G — in each case independently of one another represent a 5 or 6-membered nonaromatic carbocyclic or heterocyclic ring which optionally contains one or two ring members from the group consisting of C(=O), SO and S(=O)₂ and which may optionally be substituted by one to four substituents independently of one another selected from the group consisting of C₁-C₂-alkyl, halogen, cyano, nitro and C₁-C₂-alkoxy, or independently of one another represent C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₃-C₇-cycloalkyl, (cyano)C₃-C₇-cycloalkyl, (C₁-C₄-alkyl)C₃-C₆-cycloalkyl, (C₃-C₆-cycloalkyl)C₁-C₄-alkyl, where each cycloalkyl, (alkyl)cycloalkyl and (cycloalkyl)alkyl may optionally be substituted by one or more halogen atoms;~~

~~J — in each case independently of one another represent an optionally substituted 5 or 6-membered heteroaromatic ring, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R¹²;~~

~~R⁶ — independently of one another represent C(=E¹)R¹⁹, LC(=E¹)R¹⁹, C(=E¹)LR¹⁹, LC(=E¹)LR¹⁹, OP(=Q)(OR¹⁹)₂, SO₂LR¹⁸ or LSO₂LR¹⁹, where each E¹ independently of the others represents O, S, N-R¹⁵, N-OR¹⁵, N-N(R¹⁵)₂, N-S-O, N-CN or N-NO₂;~~

~~R⁷ — represents hydrogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, halogen, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₁-C₄-halo-alkylthio, C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl;~~

Reply to Office Action of April 28, 2009

Appl. No. 10/579,076

R^9 —represents C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylsulfinyl or halogen,

R^{10} —represents hydrogen, C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl, halogen, cyano or C_1 - C_4 -haloalkoxy,

R^{11} —in each case independently of one another represent in each case optionally mono to trisubstituted C_1 - C_6 -alkylthio, C_1 - C_6 -alkylsulfinyl, C_1 - C_6 -haloalkylthio, C_1 - C_6 -haloalkylsulfinyl, phenylthio or phenylsulfinyl, where the substituents independently of one another may be selected from the list consisting of W , $S(O)_n N(R^{16})_2$, $C(=O)R^{13}$, $L(C=O)R^{14}$, $S(C=O)LR^{14}$, $C(=O)LR^{13}$, $S(O)_n NR^{13}C(=O)R^{13}$, $S(O)_n NR^{13}C(=O)LR^{14}$ and $S(O)_n NR^{13}S(O)_2 LR^{14}$,

L —in each case independently of one another represent O , NR^{18} or S ,

R^{12} —in each case independently of one another represent $B(OR^{17})_2$, amino, SH , thiocyanato, C_3 - C_8 -trialkylsilyloxy, C_1 - C_4 -alkyl disulfide, SF_5 , $C(=E)R^{19}$, $LC(=E)R^{19}$, $C(=E)LR^{19}$, $LC(=E)LR^{19}$, $OP(=Q)(OR^{19})_2$, $SO_2 LR^{19}$ or $LSO_2 LR^{19}$,

Q —represents O or S ,

R^{13} —in each case independently of one another represent hydrogen or represent in each case optionally mono or polysubstituted C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl or C_3 - C_6 -cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R^6 , halogen, cyano, nitro, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino and $(C_1$ - C_4 -alkyl) C_3 - C_6 -cycloalkylamino,

R^{14} —in each case independently of one another represent in each case mono or polysubstituted C_1 - C_{20} -alkyl, C_2 - C_{20} -alkenyl, C_2 - C_{20} -alkynyl or C_3 - C_6 -cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R^6 , halogen, cyano, nitro, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino and $(C_1$ - C_4 -alkyl) C_3 - C_6 -cycloalkylamino or represent optionally substituted

- phenyl, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R¹²;
- R¹⁵ — in each case independently of one another represent hydrogen or represent in each case mono or polysubstituted C₁-C₆ haloalkyl or C₁-C₆ alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, nitro, hydroxyl, C₁-C₄ alkoxy, C₁-C₄ haloalkoxy, C₁-C₄ alkylthio, C₁-C₄ alkylsulfinyl, C₁-C₄ alkylsulfonyl, C₁-C₄ haloalkylthio, C₁-C₄ haloalkylsulfinyl, C₁-C₄ haloalkylsulfonyl, C₁-C₄ alkylamino, —C₂-C₈ dialkylamino, —C₂-C₆ alkoxy carbonyl, —C₂-C₆ alkyl carbonyl, C₃-C₆ trialkylsilyl and optionally substituted phenyl, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R¹², or N(R¹⁵)₂ represents a cycle which forms the ring M;
- R¹⁶ — represents C₁-C₁₂ alkyl or C₁-C₁₂ haloalkyl, or N(R¹⁶)₂ represents a cycle which forms the ring M;
- R¹⁷ — in each case independently of one another represent hydrogen or C₁-C₄ alkyl, or B(OR¹⁷)₂ represents a ring, where the two oxygen atoms are attached via a chain to two or three carbon atoms which are optionally substituted by one or two substituents independently of one another selected from the group consisting of methyl and C₂-C₆ alkoxy carbonyl;
- R¹⁸ — in each case independently of one another represent hydrogen, C₁-C₆ alkyl or C₁-C₆ haloalkyl, or N(R¹³)(R¹⁸) represents a cycle which forms the ring M;
- R¹⁹ — in each case independently of one another represent hydrogen or represent in each case optionally mono or polysubstituted C₁-C₆ alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, nitro, hydroxyl, C₁-C₄ alkoxy, C₁-C₄ haloalkoxy, C₁-C₄ alkylthio, —C₁-C₄ alkylsulfinyl, —C₁-C₄ alkylsulfonyl, —C₁-C₄ haloalkylthio, C₁-C₄ haloalkylsulfinyl, C₁-C₄ haloalkylsulfonyl, C₁-C₄ alkylamino, —C₂-C₈ dialkylamino, —CO₂H, —C₂-C₆ alkoxy carbonyl, C₂-C₆ alkyl carbonyl, C₃-C₆ trialkylsilyl and optionally substituted phenyl;

~~where the substituents independently of one another may be selected from one to three radicals W, C₁-C₆-haloalkyl, C₃-C₆-cycloalkyl or phenyl or pyridyl, each of which is optionally mono- to trisubstituted by W,~~

~~M — in each case represents an optionally mono- to tetrasubstituted ring which, in addition to the nitrogen atom which is attached to the substituent pair R¹³ and R¹⁸, (R¹⁵)₂ or (R¹⁶)₂, contains two to six carbon atoms and optionally additionally a further nitrogen, sulfur or oxygen atom, and where the substituents independently of one another may be selected from the group consisting of C₁-C₂-alkyl, halogen, cyano, nitro and C₁-C₂-alkoxy,~~

~~W — in each case independently of one another represent C₁-C₄-alkyl, C₂-C₄-alkenyl, C₂-C₄-alkynyl, C₃-C₆-cycloalkyl, C₁-C₄-haloalkyl, C₂-C₄-haloalkenyl, C₂-C₄-haloalkynyl, C₃-C₆-halocycloalkyl, halogen, cyano, nitro, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₁-C₄-alkylamino, C₂-C₈-dialkylamino, C₃-C₆-cycloalkylamino, (C₁-C₄-alkyl)C₃-C₆-cycloalkylamino, C₂-C₄-alkylecarbonyl, C₂-C₆-alkoxycarbonyl, CO₂H, C₂-C₆-alkylaminocarbonyl, C₃-C₈-dialkylaminocarbonyl or C₃-C₆-trialkylsilyl,~~

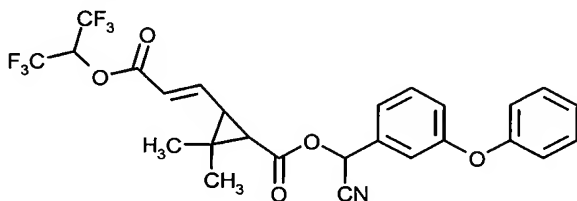
~~n — in each case independently of one another represent 0 or 1,~~

~~p — in each case independently of one another represent 0, 1 or 2,~~

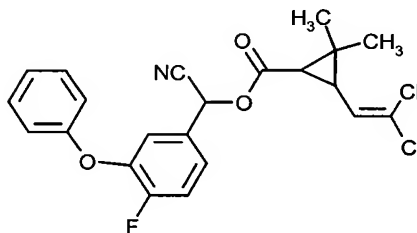
~~where in the case that (a) R⁵ represents hydrogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkynyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio or halogen and (b) R⁸ represents hydrogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkynyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, halogen, C₂-C₄-alkylecarbonyl, C₂-C₆-alkoxycarbonyl, C₂-C₆-alkylaminocarbonyl or C₃-C₈-dialkylaminocarbonyl, (c) at least one substituent selected from the group consisting of R⁶, R¹¹ and R¹² is present and (d), if R¹² is not present, at least one R⁶ or R¹¹ is different from C₂-C₆-alkylecarbonyl, C₂-C₆-alkoxycarbonyl, C₂-C₆-alkylaminocarbonyl and C₃-C₈-dialkylaminocarbonyl, and the compounds of the general formula (I) also include N-oxides and salts,~~

and at least one pyrethroid compound selected from the group consisting of

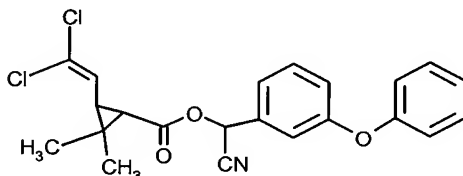
(2-1) acrinathrin



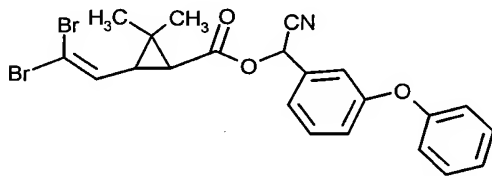
(2-3) betacyfluthrin



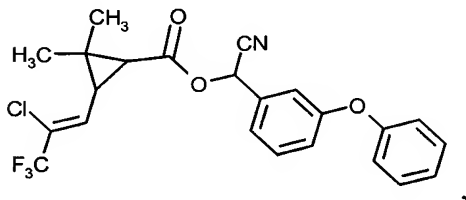
(2-5) cypermethrin



(2-6) deltamethrin



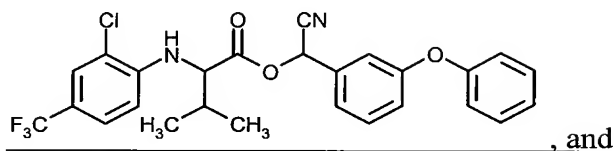
(2-12) lambda-cyhalothrin



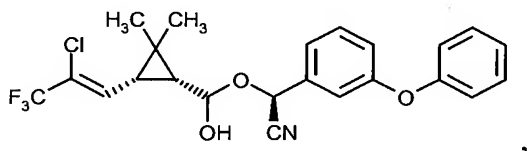
(2-14) taufluvalinate

Reply to Office Action of April 28, 2009

FUNKE *et al.*
Appl. No. 10/579,076



(2-24) gamma-cyhalothrin



wherein said anthranilamide of formula (I) and said at least one pyrethroid compound are in a ratio of from 50:1 to 1:5, and a synergistically effective amount wherein said composition is suitable for controlling animal pests.

2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Currently amended) A method for controlling animal pests comprising contacting animal pests with a ~~synergistically effective mixture comprising a compound of the formula (I) and said at least one pyrethroid compound~~ composition according to claim 1.
6. (Currently amended) A process for preparing pesticides, comprising mixing the composition according to claim 1 ~~or 2~~ with extenders or surfactants or a mixture thereof.
7. (Cancelled)